

# NEOxI 40 Firmware Version 2.0.0. Release Announcement

July 2023

## Preface

This document announces the release of NEOxI firmware version 2.0.0 for all NEOxI 40 libraries.

## Models Affected

NEOxI 40 firmware version 2.0.0 is supported as an upgrade for NEOxI 40 libraries.

## Upgrade Considerations

All prior firmware versions can be upgraded to firmware version 2.0.0.



### CAUTION:

To prevent data corruption, verify that all active backup and recovery jobs to the NEO tape library are completed prior to performing the upgrade.

## Downgrades

Downgrades are not supported.

## New Features - FW Version 2.0.0

Description	Severity
Add FW revision of system controller to log	Moderate
Make REST files customer unique (same structure like RMI in SCM) and cleanup of unused code	Moderate
MAKE_BASE_LIBRARY command shall establish the partnership directly not CRU reboot handling	Moderate
REST API - use native data types where applicable	Moderate
REST - Add E2E, POS, ROB tests and abort functionality	Moderate
Autocalibration should not be stopped if it fails on a magazine	Moderate
REST SNMP - Download of MIB file not possible	Moderate

## Resolved Issues - FW Version 2.0.0

Description	Severity
The library reported Event 2036 - KMIP APP crashes because of memory issue	Serious
REST componentinfo - temperature of a not present powerboard shows value 0 in ExpansionModule component	Moderate
REST baseinfo - temperature of a not present powerboard shows value 0	Moderate
Not possible to delete user accounts after check for deleting last administrator	Moderate
CVE-2022-4304 - Upgrade to Openssl 1.1.1t	Moderate
clock.php needs CSRF Token protection	Moderate
Workaround for "Cartridge Protrusion => Elevator Block - Issue" becomes final fix - MultiStor	Serious
REST SNMP - Clear SNMPv3 options always possible regardless if SNMPv3 target is available or not	Moderate
REST SNMP - Sending a command without auth username results in 200-OK even when config is not set correctly	Moderate
Update zlib due to CVE-2022-37434	Moderate
OCP/RMI Session Locking does not work with LDAP users	Serious
Problem with KMIP in combination with SKLM server	Moderate
Encryption config change does not create a config change ticket	Moderate
48U Stack Expansions Stuck in BOOT	Serious

## Implemented Stories - FW Version 2.0.0

Description	Severity
SSL certificate expiration period alert	Moderate
Need to have Expansion Module Fw version added to syslog and OCP	Moderate
Different logout cases need different events	Moderate
I2C bus hang on Base/Expansion Module leads to Drive Canister Reset	Severe
COMMERR_CMD_TIMEOUT due to power down process	Moderate
Iptables adaption	Moderate
Network Management over REST	Moderate
REST - Local User	Moderate

## Downloads

NEOxI 40 firmware version 2.0.0 is available for download for supported NEO users with active software entitlement agreements. Go to [https://download.overlandtandberg.com/Firmware/Neo\\_Series/Neo-XL/NEOxI40/](https://download.overlandtandberg.com/Firmware/Neo_Series/Neo-XL/NEOxI40/).

Additional documentation on how to operate, configure, and support your NEO library is available at our [Knowledge Base](#).